

mindray

SV 300
Ventilator

Compact yet powerful



reddot award 2015
winner



www.mindray.com

P/N:ENG-SV 300-420285x12P-20180111
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mindray
healthcare within reach



SV 300 Ventilator



Design based on simple facts

Comprehensive

- SV300 comes with extensive ventilation modes and is ideally for acute ICU use.

Simple

- Intuitive user interface that optimizes clinical workflow

Adaptive

- With useful functions, it is adoptable to different clinical environments.



We listen to **your opinions**
and try best to make your
daily work easier

A comprehensive ventilator that fits for stringent ICU environment



Don't fool by the compact size of the SV300 ventilator, as it comes with extensive ventilation modes and is equipped with functions that usually find on intensive care ventilator. We also integrate unique features that you even won't find among top end competitors.



ICU package options
 - APRV
 - PRVC
 - ATRC
 - PVTool



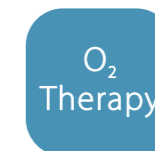
Extensive monitoring
 - 4 waveforms
 - 2 loops
 - 72 hrs patient trend data
 - 5000 events log



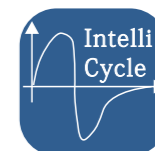
Volumetric CO₂ measurement
 - Airway dead space
 - CO₂ elimination



Weaning indicators
 - P0.1
 - NIF
 - RSBI



O₂ Therapy
 - O₂ enrichment
 - Adjustable flow



Intelli Cycle
 - Automatic switch over
 - Enhance patient synchrony



SV 300 comes with adjustable screen that allows tilt for best viewing angle



-Setting range indicator
-Setting summary



-Alarm range indicator
-Active alarm with color coded
-Auto alarm limits

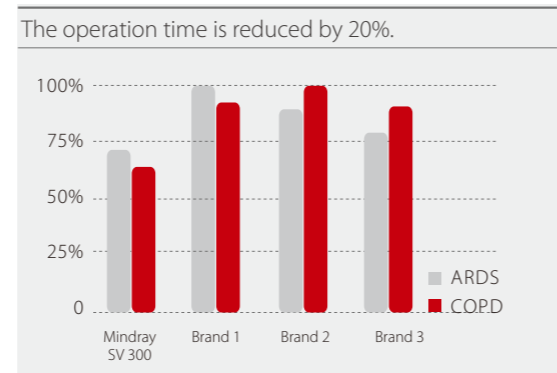
Operate with ease during your daily routine



Ease of use

Providing mechanical ventilation requires a lot of attention and operation. In view of this, we conducted an in-house study to calculate the number of steps that need to be performed by caregivers during the entire course of ventilation. The data suggests that SV300 ventilators require the least amount of operation. (20% lower than other European brand ventilators: for both ARDS and COPD patients)

Thanks to the intuitive UI design of SV300, changing of ventilation modes requires only 2 simple steps. Each function is in logical order so that you wouldn't be lost in complex user manual.



SV 300
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Ease of maintenance

With our newly designed expiratory and inspiration valve, replace and clearing is no more a hassle. Also, it is extremely durable and it can last longer than most of the competitors offer right now out there in the market.

Valve system:

- Detachable design
- Disassemble with tool free
- Support autoclave sterilization
- Extremely durable

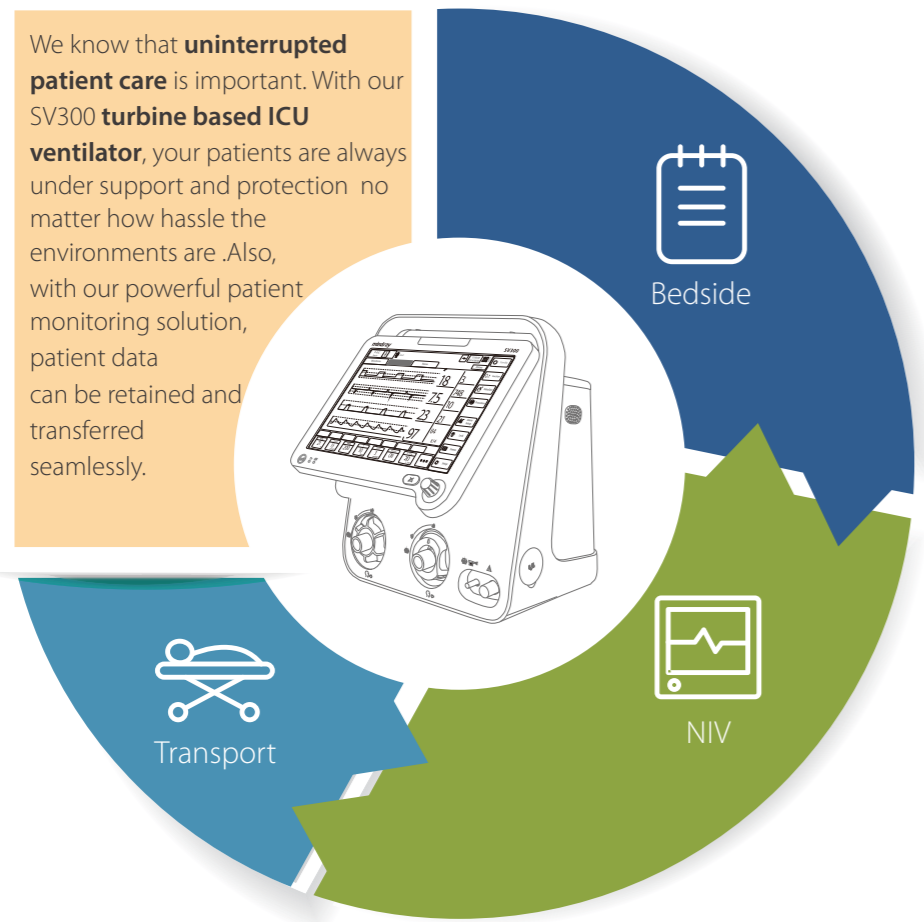




Versatile functions
you will find
in **one** device



SV 300
Ventilator



Invasive therapy-Bedside intubated

- Extensive ventilation modes
- Mainstream CO₂
- ATRC
- Weaning indicators

Non-invasive therapy-NIV and O₂ therapy

- Exceptional leak compensation capability
- Quiet turbine
- Intellicycle for better synchrony breath
- Integrated SpO₂ monitoring

On the run-Intra Hospital transport

- Easy detachable trolley
- Only 9.8kg
- Up to 6 hrs internal battery support
- SpO₂ monitoring
- Side stream CO₂

20,000

working hours turbine

Powerful built-in turbine provides up to 210 L/min of flow that can fulfill most of the critical patient needs. It does not require any annual maintenance due to its exceptional reliability.



Thoughtful functions built-on latest hardware platform

Future proof

Mindray is committed to protecting your investment by relentlessly developing features that can improve patient care and reduce patient cost. With 25 years experience on development of anesthesia and ventilator products, we proudly present you our new member, SV300 ventilator. SV300 is built on a highly sophisticated platform, based on state of the art industrial hardware. Your investment is further assured, as we always leave space for future upgrade and comply with the latest stringent medical requirements.

** According to the latest CE guideline, both the inspiration and expiration valves should be detachable and able to sustain high temperature sterilization in order to minimize the risk of cross contamination*

2 detachable valves

Its design is according to the latest international standard *ISO 80601-2-12 & ISO 80601-2-55. We are one of the few manufacturers out there in the market that supports autoclavable inspiration valve. This further reduces the risk of cross contamination.



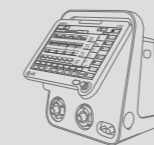
2 types of EtCO₂ options

SV 300 supports both mainstream & sidestream options of EtCO₂ measurement. It is a flexible solution that fits for your department needs.



2 additional functions regarding to patient oxygenation

SV 300 provides SpO₂ measurement and O₂ therapy, excellent tools for your patient weaning strategy. Also, it allows SpO₂ measurement even when patient monitor is not around.



SV 300 Ventilator

SV 300 is a state-of-the-art ventilator that's simple to configure, easy to operate and versatile in use. It is equipped with extensive ventilation modes that can be applied to pediatric and adult patients with all acuity levels at ICUs and Intermediate Care. With the built-in high performance turbine, SV300 provides excellent spontaneous breathing capabilities for invasive and non-invasive application and makes it independent from the central gas supply.

